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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/043,231	01/14/2002	Takeyoshi Ito	0879-0370P	6198

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EXAMINER

HO, TUAN V

ART UNIT	PAPER NUMBER
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2622

DATE MAILED: 10/06/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 10/043,231	Applicant(s) ITO, TAKEYOSHI	
	Examiner Tuan V. Ho	Art Unit 2622	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 17 July 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1 and 3-14 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 4-9, 17 and 25-28 is/are allowed.
- 6) ☒ Claim(s) 1, 3, 10, 11, 12, 13, 34, 14, 16, 18, 19, 22, 23, 24, 29, 30, 31, and 33 is/are rejected.
- 7) ☒ Claim(s) 20 and 32 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>9/8/06</u> . | 6) <input type="checkbox"/> Other: _____ |

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1. Applicant's arguments with respect to claims 1, 3-14, 16-34 have been considered but are moot in view of the new ground(s) of rejection.

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

Claims 1, 2, 23 and 24 are rejected under 35 U.S.C. 102(b) as being anticipated by Hashimoto et al (US 6,111,604).

With regard to claim 1, Hashimoto et al discloses in Figs. 8 a digital camera detecting a connection to an external device, which comprises the digital camera to be mounted on a cradle having a first communication terminal through which an external apparatus capable of two-way communication is connectable via a detachable communication cable so that the digital camera performs two-way communication with the external apparatus when so connected (digital camera 100 can be mounted on communication interface 180 which has connection portion 190; where the interface 190 is connectable with an external device via cable

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RS-232, col. 4, lines 30-67, Figs. 2A and 2B), the digital camera comprising a second communication terminal which is connected to the first communication terminal when the digital camera is mounted on the cradle (contact 158 of camera 100, col. 4, line 43); and a detection device that automatically changes an operation mode of the camera when the camera is mounted in the cradle enabling communication with the external apparatus (CPU 23 detects the connection between the camera an interface, col. 7, lines 63-67 and col. 8, lines 1-36).

With regard to claim 3, Hashimoto et al discloses in Figs. 8 a digital camera detecting a connection to an external device, which comprises the detection device detects the digital camera being mounted on the cradle, wherein when the detection device detects the digital camera being mounted on the cradle, the digital camera sets an operation mode thereof at a communication mode for communicating with the external apparatus (CPU 23 detects the mounting and sets the camera operation to transmission or receiving modes, col. Col. 8, lines 1-37and col. 19, lines 41-67).

Claims 23 and 24 recite what was previously discussed with respect to claims 1 and 3.

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3. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

Claims 1, 3, 10, 11, 12, 13, 34, 14, 16, 18, 19, 22, 23, 24, 29, 30, 31, and 33 are rejected under 35 U.S.C. 102(e) as being Anticipated by Abe (US 6,829,004).

With regard to claims 1, 34, and 23, Abe discloses in Fig. 1 and 9, a film scanning system including a digital camera 50 and scanner unit 10, which comprises the digital camera to be mounted on a cradle having a first communication terminal through which an external apparatus capable of two-way communication is connectable via a detachable communication cable so that the digital camera performs two-way communication with the external apparatus when so connected (digital camera 50

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is connected to scanner unit 10 via connector 82; where scanner unit 10 has connector 48 which can be used to connect a PC as shown in Fig. 9, col. 5, lines 38-40; it is noted that scanner unit 50 is considered as a camera cradle since it can hold the camera in its housing), the digital camera comprising a second communication terminal which is connected to the first communication terminal when the digital camera is mounted on the cradle (camera 50 had connector 81 used to connect with scanner unit 10 via connector 82); and a detection device that automatically changes an operation mode of the camera when the camera is mounted in the cradle enabling communication with the external apparatus (CPU 60 is used to change camera modes, col. 10, lines 15-67 and col. 11, lines 1-67).

With regard to claims 3 and 24, Abe discloses in Fig. 1 and 9, a film scanning system including a digital camera 50 and scanner unit 10, which comprises the detection device detects the digital camera being mounted on the cradle, wherein when the detection device detects the digital camera being mounted on the cradle, the digital camera sets an operation mode thereof at a communication mode for communicating with the external apparatus (CPU 60, cols. 10 and 11).

With regard to claims 14 and 16, Abe discloses in Fig. 1 and 9, a film scanning system including a digital camera 50 and

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scanner unit 10, which comprises the A cradle which connects a digital camera to an external apparatus capable of two-way communication, the cradle comprising a camera mounting section on which the digital camera is removably mounted; and a first communication terminal which is connected to the external apparatus via a detachable communication cable, the first communication terminal being connected to a second communication terminal provided at the digital camera when the digital camera is mounted on the digital camera mounting section; and a power supply switch which turns on and off a power supply of the digital camera (CPU 40 turns on and off digital camera 50 when the camera is connected to the scanner unit 10, col. 8, lines 7-21).

With regard to claims 18 29, Abe discloses in Fig. 1 and 9, a film scanning system including a digital camera 50 and scanner unit 10, which comprises the power output terminal which is connected to a power input terminal provided at the digital camera when the digital camera is mounted on the digital camera mounting section, DC power being inputted through the power input terminal (power circuit 92 generates DC power to digital camera 50, col. 10, line 42).

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With regard to claims 19, 22, 30 and 33, Abe discloses in Fig. 1 and 9, a film scanning system including a digital camera 50 and scanner unit 10, which comprises the digital camera mounting section has a recess which guides the digital camera; the power output terminal of the cradle is arranged at a bottom of the recess; the power input terminal of the digital camera is arranged at a bottom of the digital camera; and the power input terminal of the digital camera is connected to the power output terminal of the cradle in synchronization with operation of mounting the digital camera on the cradle (camera connector 81 has a recess as shown in Fig. 4, col. Col. 8, lines 7-21; Noted that connector recess 81 is considered at the bottom of the camera since the scanner system can be placed in any directions).

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 20 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Abe.

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Abe disclose the same subject matter as discussed with respect to claim 14, except for the audio/video input terminal which is connected to an audio/video output terminal provided at the digital camera when the digital camera is mounted on the digital camera mounting section.

Official Notice is taken for an audio/video input terminal which is used to connect a device to an audio/video input source.

Therefore, it would have been obvious to one of ordinary skill in the art at the time the invention was made to incorporate an audio/video input terminal to the scanner unit of Abe so as to receive audio and video information from a source such as DVD or VCR. That is because the incorporation of audio/video input terminal would allow a user to record and transmit audio video source to PC and thereby to improve the versatility of the scanner system of Abe.

5. Claims 20 and 32 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

6. Claims 4, 5-7, 8, 9, 17, 25 and 26-28 are allowed.

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7. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

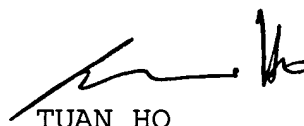
8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to TUAN HO whose telephone number is (571) 272-7365. The examiner can normally be reached on Mon-Fri from 7AM to 4PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's acting supervisor, David Ometz can

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be reached on (571) 272-7593. The fax phone number for the organization where this application or proceeding is assigned is (572) 273-8300.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Customer Service whose telephone number is (571) 272-2600.



TUAN HO

Primary Examiner

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